U.S. Patent and Transpared for use (floe; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of interest of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of interest of the paper of the paper

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER 14958NP U.S. APPLICATION NO. ((Lknown, see 37 CFR 1.5)

	US03/25475	INTERNATIONAL FILING DATE 14. August 2003	PRIORITY DATE CLAIMED 14 August 2002 (14.08.2002
COMPLETANT PROPERTY.			
APPLICANT(S) FOR DO/EO/US			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1. 🔀			
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.		
3.			
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. 📈	The US has been elected (Article 31).		
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
	a. is attached hereto (required only if not communicated by the International Bureau).		
	b. has been communicated by the International Bureau.		
[	c. Implies the application was filed in the United States Receiving Office (RO/US).		
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
	a. is attached hereto.		
	b. has been previously submitted under 35 U.S.C. 154(d)(4).		
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
	a. are attached hereto (required only if not communicated by the International Bureau).		
	b. have been communicated by the International Bureau.		
	c. have not been made; however, the time limit for making such amendments has NOT expired.		
	d. have not been made and w	vill not be made.	
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. 🔀	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
	s 11 to 20 below concern document(s)	or information included:	,
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.	
12. 🛚	An assignment document for recording	g. A separate cover sheet in compliance with	h 37 CFR 3.28 and 3.31 is included.
13.	A preliminary amendment.		
14.	An Application Data Sheet under 37 CFR 1.76.		
15.	A substitute specification.		
16.	A power of attorney and/or change of address letter.		
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. 📙	A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. 📙	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20.	Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DT12 Rec'd PCT/PTO 0 2 FEB 2005

PTO-1390 (Rev. 02-2005)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. (if known, see 37 CER 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/US03/25475 14958NP The following fees have been submitted **CALCULATIONS** PTO USE ONLY Basic national fee......\$300 300 00 22. 🟋 If International preliminary examination report prepared by USPTO and all claims satisfy provisions of All other situations......\$200 1:0 o 23. \*[3] Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 00 00 50 o TOTAL OF 21, 22 and 23 = 00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) -100 =/50 = x \$250 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). NUMBER EXTRA **CLAIMS** NUMBER FILED RATE \$ Total claims (I) x \$50 \$ Independent claims \$200 \$ х MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$ \$360 TOTAL OF ABOVE CACULATIONS = 500 00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. 00 250 00 250 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). **TOTAL NATIONAL FEE =** 250 00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property 40 10 TOTAL FEES ENCLOSED = 290 00 Amount to be \$ refunded: Amount to be \$ charged: a. 🛛 A check in the amount of \$ 290.00 \_\_\_\_\_ to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ \_\_\_ \_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 04-1577 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.437(a) or b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: DOWELL, Ralph A. SIGNATURE DOWELL & DOWELL, P.C. Ralph A. Dowell Suite 406, 2111 Eisenhower Ave. Alexandria, VA 22314 26868

703 415 2555 - telephone

REGISTRATION NUMBER